Create Lines and Arrows

INTRODUCTION

EnSight can display 2D lines with or without arrowheads. These annotations overlay the Graphics Window and are not associated with any viewport.

BASIC OPERATION

**1. Click Annot in the
Mode Selection Area.**

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**2. Click New Line from the Mode Icon Bar to
create a new line in the Graphics Window.**

Location in Graphics Window

The location or position of a line may be specified two ways. First, position may be specified interactively by selecting the line in the Graphics Window (while in Annot Mode) and dragging it to the desired location.

Second, precise coordinates for placement may be specified. While in Annot Mode, select the desired line in the Graphics Window. Click Object Location Attributes (shown at right) in the Mode Icon Bar to open the Annotation Item Location dialog

Type coordinates in the X, Y, X2, and Y2 fields and then press return to specify the location of the end points of the selected line.

Annotation Item Location	
Positions are given as a fraction(0.0–1.0) of X and Y.	
X 0.250	Y 0.250
X2 0.750	Y2 0.250
Close	

Orientation and Length

The orientation and length of a line may be adjusted interactively. Click on either end of the line (while in Annot Mode) and drag to the desired location.

Visibility

Visibility of lines can be controlled. While in Annot Mode, select the desired line in the Graphics Window (note that the color of the center control point will change to the selection color). Clicking the Visibility Toggle in the Mode Icon Bar will toggle visibility and determine whether that line is visible when viewing the Graphics Window in other Modes (View, VPort, Part, Plot, Frame). In Annot Mode invisible lines are drawn in a subdued color.

Color

The color of a line can be specified. While in Annot Mode, select the desired line in the Graphics Window (note that the color of the center control point will change to the selection color). Clicking Color Attributes in the Mode Icon Bar will open the **Color Selector** dialog.
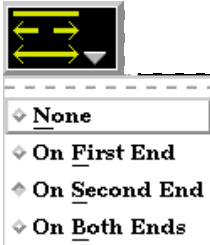
Line Width

The width of a line can be specified. While in Annot Mode, select the desired line in the Graphics Window (note that the color of the line's center control point will change to the selection color). Click the Line Width Pulldown in the Mode Icon Bar and select the desired line width.

◇ 1 Pixel
◇ 2 Pixels
◇ 3 Pixels
◇ 4 Pixels

Arrows

Arrows may be placed on lines. While in Annot Mode, select the desired line in the Graphics Window (note that the color of the line's center control point will change to the selection color). Click the Line Arrowhead Pulldown in the Mode Icon Bar to select the desired arrowhead configuration.

◇ None
◇ On First End
◆ On Second End
◇ On Both Ends

SEE ALSO

User Manual: **Annot Mode**